

Major Category	Maine SPO Resolve 23						1/30/2002			
	REAUESTED APPLICATIONS / SERVICES LIST									
	1/30/2002									
	Application presently exists either statewide or for selected areas									
	Frequently Requested Application									
Application Name	Application Description		Requesting Entity	Primary Beneficiary	Additional Beneficiaries	Comments				
DATA MANAGEMENT TOOLS	GIS Specification Designer for Data Development		Software to assist potential data creators in the design and development of their systems and data.			Municipalities				
	Metadata Manager/Generator		Permit data creators and enhancers to systematically, quickly and easily create metadata that conforms to the MeGIS / FGDC standards			Citizens of Maine				
	GeoData Validator		Check the quality of new or edited data prior to submission to larger repository			CoGs/RPCs				
DATA VIEWERS (Individual Layer Viewers)	INFRASTRUCTURE	Consolidated E911 and Classed DOT roads viewer and download tool.		Allow access to single roads layer that combines best featuers of E-911 (address ranges) with DOT TIDE (road classes, traffic counts, etc) . Choose areas to download data for local use.		CoGs/RPCs	CoGs/RPCs	All	Frequently requested. In the works.	
		Pavement Management Viewing Tool		View status of pavement condition and consolidated (state / local / utility) plans for individual road segments		Municipalities, Portland Water District	Municipalities	DOT, utilities		
		Sewer/Water, Outfall Locations Viewer		View and query water lines, sewer lines and visible street furniture (hydrants, storm drains, mainholes, etc) over logical basemap.		Sanford, Waterville	Utilities			
		Water Utilities Service Areas Viewer		View and manage Utilities Areas		DHS/PUC	Dept of Human Services	PUC, SPO		
		Statewide Public Water Supply Visualization Tool		View drinking water supply sources (wells and intakes feature sets) with collateral information (wastewater and plumbing control points) over logical basemap		DHS/BoH	Dept of Human Services	BHS, DEP, Municipalities, Public	Exists .. Northern Geomantics ArcIMS from MeOGIS at <a href="http://musashi.ogis.state.me.us/dhs/html/wellsmap.htm">http://musashi.ogis.state.me.us/dhs/html/wellsmap.htm</a> available in some places: waterville, ellsworth, carrabassetv, ArcIMS & Blue Marble. Also available in many locations as network or standalone applications	
	REGULATORY	Parcel Viewer		View property parcels and their tabular attribute information (assessing records) over orthophotos or logical basemap.		SPO, CoGs/RPCs, Municipalities	CoGs/RPCs			Perhaps could provide part of the solution to easing confusion surrounding maintenance andinterpretation of SLZ and enhanced municipal zoning.
		Shoreland Zoning Viewer		Provide access to shoreland zoning delineations throughout state		CoGs/RPCs	CoGs/RPCs			
		Crime Statistics Data Viewing Tool		View crime statistics with at least census block level accuracy for all areas in Maine			Dept of Econ. & Com Dev	SPO, Police, Defense, Municipalities, CoGs, Citizens		
		Coastal Island Registry Viewer		Visually reference and update ownership information for the 600+ islands in the Coastal Island Registry			Dept of Conservation	Island Institute		
		Conservation Lands Viewer		View and manage conservation lands polygons throughout the state		DOC, SPO, Land Trusts	Dept of Conservation			
		Floodplain Viewer		View FEMA flood insurance rate map zones (or enhanced data) describing at risk areas over logical basemap. Most valuable if used in conjunction with property parcels and quality orthophoto imagery.			Municipalities			
	ENVIRONMENTAL	Land Use and Vegetative Cover Type Viewer		View land use data with 21+ standardized classes		Many	CoGs/RPCs	SPO, CoGs, Conservation, DEP, IF&W, Citizens, etc		
		Wetlands Viewer		View National Wetlands Inventory polygons (or enhanced data) over logical base map.			CoGs/RPCs			
		Watersheds Viewer		View accurate boundaries of watersheds and sub-basins accuate and responsive basemap			Dept of Marine Resources			
		Marine Bottom Cover, Surficial Sediments and Seafloor Geology Viewer		View eel grass, kelp beds, etc along with sediment information for fisheries analysis. Also seafloor geology.		DMR, Island Institute	Dept of Marine Resources	Island Institute		
		Maine Lakes Viewing Tool				Land Trusts	CoGs/RPCs	Municipalities, Land Trusts, Public, DEP	Exists @ <a href="http://pearl.spatial.maine.edu/">http://pearl.spatial.maine.edu/</a> Would benefit from feature enhancement and a faster server.	
		Forest Type Viewer		View forest stand type over logical base map.			Dept of Conservation			
		Insect Infestation Viewer		View forest infestation information over logical base map.			Dept of Conservation			
		Exemplary Natural Communities Tool		View and manage exemplary natural communities points and polygons		DOC	Dept of Conservation			
		Salmon habitat Viewer		View and manage salmon habitat data layers			Dept of Conservation	IF&W, Salmon Commission		
GEN.	Statewide Digital Orthophoto / Digital Raster Quad Viewer		View orthophotos and USGS scanned quad sheets over the web quickly and easily with basic vector and text overlay (roads and place names)		Municipalities, CoGs/RPCs, numerous agencies,	Citizens of Maine				
SIMPLE ANALYTICAL TOOLS	Property Proximity Analysis / Buffer and Abutter's List tool		Generate Abutters lists from property parcels or centroids data		SPO, CoGs/RPCs, Municipalities	Municipalities	CoGs/RPCs			
	Census Data Viewer and Analysis Tool		View US Census data for Maine (and NH) and perform proximity analysis, Including both housing and population statistics for many data categories.		SPO, DHS	State Planning Office	All	Exists (minimally) @: <a href="http://sgci10.stgeorgeconsulting.com/mepop/viewer.htm">http://sgci10.stgeorgeconsulting.com/mepop/viewer.htm</a>		
	Utility Outage Management Tracker		View and track history of utility outages throughout the state		Utilities	Utilities	MPUC, SPO, municipalities	CMP		
	Recycling Information Tool		View and maintain recycling information by municipality statewide		SPO	State Planning Office	SPO, municipalities, CoGs/RPCs			
	Emergency Application: Low Lying Areas Analyst and Viewer		View and predict what areas (and bridges) will be inundated during high water events		Defense	Dept of Defense, Veterans & EM	SPO, CoGs, municipalities, citizens			
	Health / Hospital Planning Areas Analysis Tool		View and planning areas with census, epidemiological, and logical basemap data.			Dept of Human Services				
COMPLEX ANALYTICAL TOOLS	Comprehensive Plan Mapping Support Tool		Display, Query & Analysis tool including layers for built environment, transportation, water resources, soils, land cover, cultural/recreational resources, elevation, slopes, conservation lands, other development constraints &cetera.			Municipalities	SPO, CoGs/RPCs			
	Economic Development & Growh Zones Planning and Mapping Tool		View demographic, environmental and regulatory data to identify, encourage and track development in Maine for carefully targeted growth zones		SPO, CMP, CoGs	Dept of Econ. & Com Dev	SPO, CMP, Maine & Co, CoGs, Citizens			
	Development Tracking Tool		Used to locate changes in land use, identify landuse patterns, track new building and infrastructure growth		SPO, CoGs/RPCs, Municipalities	CoGs/RPCs	Municipalities, CoGs/RPCs, Public			
	Buildout Analysis Tool		Investigate hypothetical development scenarios for municipalities or regions		SMRPC	CoGs/RPCs	CoGs/RPCs, municipalities, public	SMRPC has bought CommunityVIZ		
	Impervious Surfaces Modeling Tool		Extensive Impervious surfaces degrade stream water quality. This tool would permit users to estimate percentage of impervious surface in a watershed to augment planning		SPO, CoGs/RPCs, Municipalities	CoGs/RPCs	Municipalities, SPO			
	Permit Applications and Status Tracking Tool		Graphically track fixed property and land related regulatory permits for various levels of government.		Municipalities	Municipalities	Numerous Agencies,			
Integrated Hardware Software Solutions										
	GPS Capture and Integrate with Maps Tool		Suite of software and hardware to permit capture of global positioning points and integration with other map layers.		Municipalities	Municipalities				
	Vehicle Location Tracking		Visually display locations of fleet vehicles over easy to read and responsive basemap		CMP	Utilities	Municipalities, private companies			